

## 2018 Current Fiscal Year Report: Advisory Committee for Geosciences

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### 1. Department or Agency

National Science Foundation

### 2. Fiscal Year

2018

### 3. Committee or Subcommittee

Advisory Committee for Geosciences

### 3b. GSA Committee No.

1755

### 4. Is this New During Fiscal Year?

No

### 5. Current Charter

06/30/2017

### 6. Expected Renewal Date

06/30/2019

### 7. Expected Term Date

### 8a. Was Terminated During Fiscal Year?

No

### 8b. Specific Termination Authority

### 8c. Actual Term Date

### 9. Agency Recommendation for Next Fiscal Year

Continue

### 10a. Legislation Req to Terminate?

No

### 10b. Legislation Pending?

Not Applicable

### 11. Establishment Authority Agency Authority

### 12. Specific Establishment Authority

ADM IV-100

### 13. Effective Date

10/01/1993

### 14. Committee Type

Continuing

### 14c. Presidential?

No

### 15. Description of Committee Scientific Technical Program Advisory Board

### 16a. Total Number of Reports

No Reports for this Fiscal Year

### 17a. Open 2 Meetings and Dates 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 2

Purpose	Start	End
To provide advice and recommendations on policies, programs, activities, and long-range planning.	10/18/2017	10/19/2017
To provide advice and recommendations on policies, programs, activities, and long-range planning.	04/25/2018	04/26/2018

### Number of Committee Meetings Listed: 2

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$20,520.00	\$21,000.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$92,388.00	\$92,500.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$6,036.00	\$6,100.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$24,345.00	\$25,000.00
18d. Total	\$143,289.00	\$144,600.00

**20a. How does the Committee accomplish its purpose?**

The Advisory Committee for Geosciences (AC/GEO) provides the Directorate for Geosciences (GEO) with important information and insights regarding the impact of programs and other activities. AC/GEO also provides oversight of overall program management and performance. AC/GEO focused considerable attention on strategies for improving geoscience education at all levels, and it addressed approaches for broadening the diversity of geoscience research and educational communities. AC/GEO provided advice to the Director of the National Science Foundation regarding general issues relating to the operation and management of the Foundation, particularly with regard to large facilities. AC/GEO members also participated other directorate advisory committees and with the Environment, Research and Engineering advisory committee in special discussions. AC/GEO subcommittees conducted special examinations of approaches for integrating research and education in the geosciences and facilities needs over the next two decades. Division-related subcommittees oversaw the establishment and operation of committees of visitors (COVs), which performed detailed analyses of the management and operations of selected research sections and programs. Reports of these COVs and responses from the Assistant Director for Geosciences will be considered at AC/GEO's next meeting.

**20b. How does the Committee balance its membership?**

Members of AC/GEO are selected to be representative of all scientific fields in the geosciences, and they are drawn from the full range of institutions with which geoscientists are associated, including academic institutions of varying sizes and private-sector firms. The committee also includes women and members of minority groups underrepresented in science and engineering. All members serve three-year terms, with about one-third of the committee being replaced each year.

**20c. How frequent and relevant are the Committee Meetings?**

Due to the importance of the AC GEO to the GEO and its division, two full committee meetings are held each year. At each meeting, time is allocated to discussions of division-related issues. Continuing AC GEO is essential to allow leading members of the geoscience communities that GEO serves to provide advice to and oversight of GEO programs and activities.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

AC GEO provides advice on GEO programs and activities and oversight of GEO program

management and performance. No other organization has the appropriate range of expertise and knowledge to perform these functions.

## 20e. Why is it necessary to close and/or partially closed committee meetings?

NA

## 21. Remarks

No reports issued.

## Designated Federal Officer

Melissa J. Lane Staff Associate for Information Management

Committee Members	Start	End	Occupation	Member Designation
Constable, Catherine	01/01/2015	12/31/2017	University of California, San Diego	Special Government Employee (SGE) Member
Dixon, E. James	01/01/2015	12/31/2017	University of New Mexico	Special Government Employee (SGE) Member
Falkowski, Paul	01/01/2017	12/31/2020	Rutgers University New Brunswick	Special Government Employee (SGE) Member
Fine, Rana	01/01/2015	12/31/2017	Rosenstiel School University of Miami	Special Government Employee (SGE) Member
Fuentes, Jose	01/01/2016	12/31/2018	Pennsylvania State University Park	Special Government Employee (SGE) Member
Hakim, Gregory	01/01/2016	12/31/2018	University of Washington	Special Government Employee (SGE) Member
Heald, Collette	01/01/2018	12/31/2020	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Hodges, Kip	01/01/2015	12/31/2017	Arizona State University	Special Government Employee (SGE) Member
Kempton, Pamela	01/01/2015	12/31/2017	Kansas State University	Special Government Employee (SGE) Member
Kraft, Kaatje	01/01/2018	12/31/2020	Whatcom Community College	Special Government Employee (SGE) Member
Lynch, Amanda	01/01/2018	12/31/2020	Brown University	Special Government Employee (SGE) Member
Lyons, W. Berry	01/01/2015	12/31/2017	Ohio State University	Special Government Employee (SGE) Member
Nigam, Sumant	01/01/2017	01/01/2020	University of Maryland	Special Government Employee (SGE) Member
Pomponi, Shirley	01/01/2016	12/31/2018	Harbor Branch Oceanographic InstituteFlorida Atlantic University	Special Government Employee (SGE) Member
Semeter, Joshua	01/01/2015	12/31/2017	Boston University	Special Government Employee (SGE) Member
Stroeve, Julianne	01/01/2015	12/31/2017	University of Colorado at Boulder	Special Government Employee (SGE) Member
Sullivan, Gregory	01/01/2015	12/31/2017	University of Maryland	Special Government Employee (SGE) Member
Van Dover, Cindy	01/01/2016	12/31/2018	Duke University	Special Government Employee (SGE) Member
Voorhees, David	01/01/2015	12/31/2017	Waubonsee Community College	Special Government Employee (SGE) Member
Welker, Jeffrey	01/01/2018	12/31/2020	University of Alaska	Special Government Employee (SGE) Member

**Number of Committee Members Listed: 21****Narrative Description**

The NSF mission is set out in the NSF Act of 1950 authorizes and directs the Agency to initiate and support: basic research fundamental to the engineering process; and science and engineering education programs at all levels and in all fields of science and engineering. The GEO AC provides oversight of overall program management and performance. AC/GEO provides advice to the Director of the National Science Foundation regarding general issues relating to the operation and management of the Foundation, particularly with regard to large facilities.

**What are the most significant program outcomes associated with this committee?**

Checked if Applies

- |   |                                     |
|---|-------------------------------------|
| Improvements to health or safety                  | <input type="checkbox"/>            |
| Trust in government                               | <input type="checkbox"/>            |
| Major policy changes                              | <input type="checkbox"/>            |
| Advance in scientific research                    | <input checked="" type="checkbox"/> |
| Effective grant making                            | <input type="checkbox"/>            |
| Improved service delivery                         | <input type="checkbox"/>            |
| Increased customer satisfaction                   | <input type="checkbox"/>            |
| Implementation of laws or regulatory requirements | <input type="checkbox"/>            |
| Other   | <input type="checkbox"/>            |

**Outcome Comments**

NA

**What are the cost savings associated with this committee?**

Checked if Applies

- |                            |                                     |
|----------------------------|-------------------------------------|
| None                       | <input type="checkbox"/>            |
| Unable to Determine        | <input checked="" type="checkbox"/> |
| Under \$100,000            | <input type="checkbox"/>            |
| \$100,000 - \$500,000      | <input type="checkbox"/>            |
| \$500,001 - \$1,000,000    | <input type="checkbox"/>            |
| \$1,000,001 - \$5,000,000  | <input type="checkbox"/>            |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/>            |
| Over \$10,000,000          | <input type="checkbox"/>            |
| Cost Savings Other         | <input type="checkbox"/>            |

## Cost Savings Comments

NA

**What is the approximate Number of recommendations produced by this committee for the life of the committee?**

3

## Number of Recommendations Comments

The number of recommendations for this reporting fiscal year includes FY2018.

**What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?**

100%

## % of Recommendations Fully Implemented Comments

The word implement is not applicable to grant review panels. All recommendations are considered by the agency.

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

0%

## % of Recommendations Partially Implemented Comments

NA

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes ☒ No ☐ Not Applicable ☐

## Agency Feedback Comments

The committee is provided feedback via frequent internet communications and during the AC meetings.

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

Reorganized Priorities

☐

Reallocated resources

☐

- |                                   |                          |
|-----------------------------------|--------------------------|
| Issued new regulation             | <input type="checkbox"/> |
| Proposed legislation              | <input type="checkbox"/> |
| Approved grants or other payments | <input type="checkbox"/> |
| Other                             | <input type="checkbox"/> |

**Action Comments**

NA

**Is the Committee engaged in the review of applications for grants?**

No

**Grant Review Comments**

NA

**How is access provided to the information for the Committee's documentation?**

Checked if Applies

- |                           |                                     |
|---------------------------|-------------------------------------|
| Contact DFO               | <input checked="" type="checkbox"/> |
| Online Agency Web Site    | <input checked="" type="checkbox"/> |
| Online Committee Web Site | <input checked="" type="checkbox"/> |
| Online GSA FACA Web Site  | <input type="checkbox"/>            |
| Publications              | <input type="checkbox"/>            |
| Other                     | <input type="checkbox"/>            |

**Access Comments**

N/A